



iBabyGuard™

Infant Snooze Active Baby Monitor

User Manual



IMPORTANT INFORMATION – PLEASE READ FIRST BEFORE USE

The **iBabyGuard™ Infant Snooze Active Baby Monitor** consists of a wireless Breath Movement monitoring mat (model IBG iSnooze 5M) which works with an Android-powered Smartphone Apps for remote control.

The Android OS Version had to be **minimum version 2.1** in order to be used with the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps**.

All the music file formats supported by Android OS are supported by the music stream function of the **iBabyGuard™ Infant Snooze Active Baby Monitor** Apps. Some phone models may not support all the music files formats listed.

- MP3
- MIDI
- PCM/WAVE
- AAC LC/LTP
- HE-AACv1 (AAC+)
- AMR-NB
- AMR-WB
- FLAC
- Vorbis

The remote receiver, model IBG iSnooze 5C (**Parent Unit**) is included in the product. It can be used in place of the smartphone Apps.

Only either the smartphone **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** or the **Parent Unit** can be used for communication with the Infant Snooze at any one time, but NOT both can be used simultaneously.

Baby weight limit on the Infant Snooze for effective monitoring should fall within the range below:

2kg / 4.4lb – 10kg / 22lb

Avoid placing any cloth material between the baby and the Infant Snooze. When cloth material is placed on the mat, thickness of the material should be **less than 3mm**. Recommended materials are cotton bed sheet, cotton bath towel or swaddling cloth. Other unknown materials may compromise the sensitivity.

Warning and disclaimer

- The **iBabyGuard™ Infant Snooze Active Baby Monitor** is NOT a medical device or a diagnostic device to prevent Sudden Infant Death Syndrome (SIDS) or 'cot death'. Babies with a known predisposition to any breathing abnormality including apnea, obstructive sleep apnea should be monitored by a doctor. Please seek advice from doctors or health care professional for medical diagnosis or when unsure of any symptoms.
- **iBabyGuard™ Infant Snooze Active Baby Monitor** is NOT a substitute for proper adult supervision. It is important that an adult stays within range of the monitor at all times during use.

This Infant Snooze is constructed with highly sensitive fiber optics technology. To ensure accuracy and durability, please observe the following care and maintenance instructions.

Care and maintenance of the mat



NO JUMPING/STAMPING



NO SHARP HITS



NO HEAVY WEIGHT BEYOND LIMIT



NO BENDING



NO HOLDING OF THE
EDGE IN ONE HAND



NO IMMERSING IN WATER

- It is advisable to use the Infant Snooze for sleeping purpose and should not be used as a play mat.
- Avoid major movement activity around the Infant Snooze as it is highly sensitive and may pick up the movement signal as part of the movement signal of the baby. Patting action, high vibration or motor-running activities will affect the accuracy of the breath movement count.
- **DO NOT** add thick and heavy items such as mattress between your baby and the Infant Snooze.

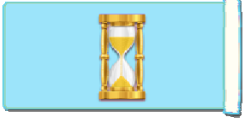


- Any form of spillage or stain should be wiped off immediately with water on a damp cloth to prevent permanent stain on the Infant Snooze. Avoid using strong detergent. Gentle wipe is sufficient to clean up stains. Excessive scrubbing action may damage the water-resistance property of the Infant Snooze.
- Observe polarity of the battery placement for proper functioning of the Infant Snooze.
- **DO NOT** disassemble, crush, short-circuit or incinerate the battery as it may cause fire, injury, burns or other hazards.
- **DO NOT** put the Parent Unit near wireless devices or a microwave oven. Such devices can disrupt the transmission of the alarm signal.
- The operating temperature range for the **iBabyGuard™ Infant Snooze Active Baby Monitor** is from **10°C - 40°C**. **DO NOT** operate beyond this range as it may not function according to defined specifications.

Disposal instructions

Do not dispose of the **iBabyGuard™ Infant Snooze Active Baby Monitor** or **Parent Unit** with unsorted waste. Improper disposal may be harmful to the environment and human health. Please refer to your local waste authority for information on return and collection systems in your area.

iBabyGuard™ Infant Snooze Active Baby Monitor Smart Phone Apps Status Indication Summary Sheet

Status indication	Event	Remarks
	Calibration in progress	The display will indicate an hour glass rotating in a circular motion
	Sleeping	The display will be as shown when baby is sleeping soundly.
	Movement / Wake up alert	The display will be as shown whenever the baby moves. After the baby falls asleep, wake up alert is activated after a baby's sounds or cries with continuous movement is detected from the Infant Snooze
	Absence from Infant Snooze alert	The display will be as shown and alarm will be activated whenever the baby is out of the Infant Snooze

	No breath movement detected	The display will be as shown and alarm will be activated when no breath movement is detected
	Error 1: Fiber sensor is broken	Please contact your service centre
	Error 8: High pressure exerted / Weight limit exceeded	High pressure, such as heavy weight on the mat or the baby sitting up. The alarm will also be activated.
	Error 9: Device Malfunction means any other number than 1 and 8	Please contact your service centre

Parent Unit Status Indication Summary Sheet

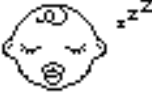
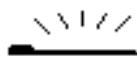
Status indication	Event	Remarks
	Calibration in progress	The display will indicate an hour glass rotating in a circular motion
	Sleeping	The display will be as shown when baby is sleeping soundly.
	Movement / Wake up alert	The display will be shown whenever the baby moves. After the baby falls asleep, wake up alert is activated after a baby's sounds or cries with continuous movement is detected from the mat
	Absence from Infant Snooze alert	The display will be as shown and alarm will be activated whenever the baby is out of the Infant Snooze
	No breath movement detected	The display will be as shown and alarm will be activated when no breath movement is detected
	Error 1: Fiber sensor is broken	Please contact your service centre
	Error 8: High pressure exerted / Weight limit exceeded	High pressure, such as heavy weight on the Infant Snooze or the baby sitting up. The alarm will also be activated.
	Error 9: Device Malfunction means any other number than 1 and 8	Please contact your service centre



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1. GETTING STARTED

Package contents

Your **iBabyGuard™ Infant Snooze Active Baby Monitor Mat** package includes:

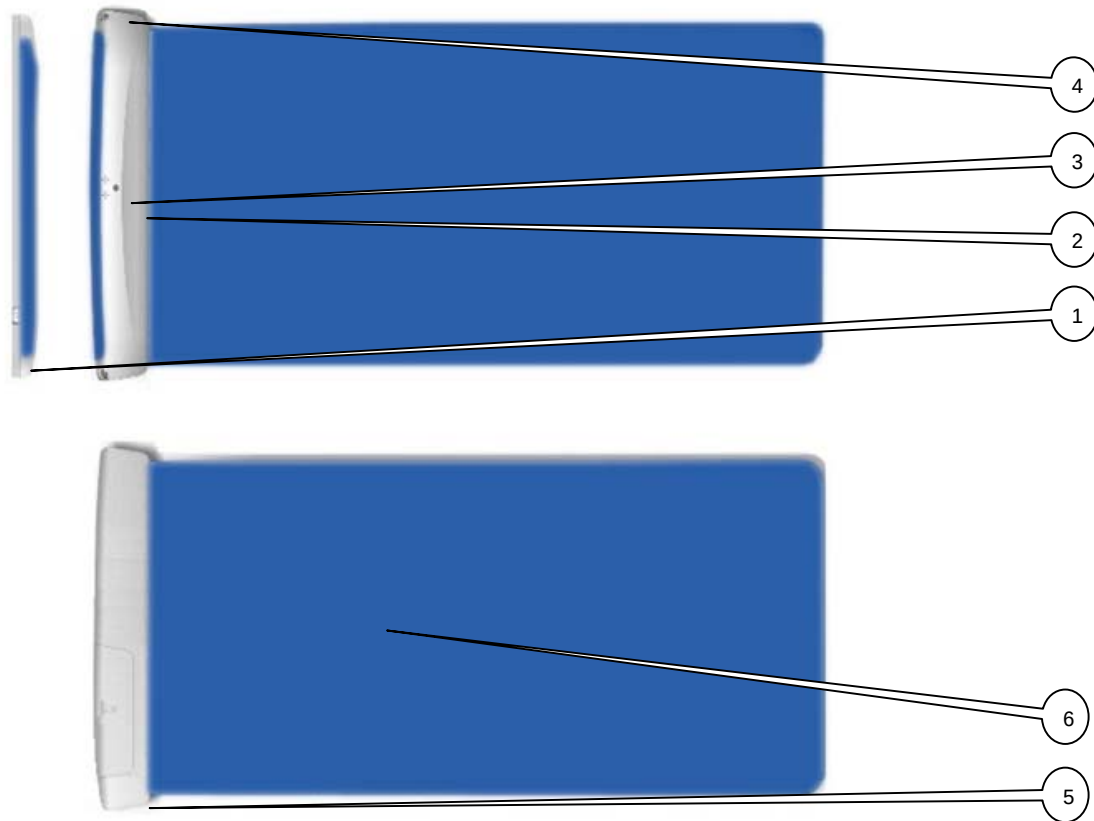
- Infant Snooze
- Quick Start Guide

Before you can use the mat, you need the following (not included in the product):

- 4 X AA dry cell battery for the Infant Snooze
- 2 X AAA dry cell battery for the **Parent Unit**

For best performance, Lithium dry cell battery is recommended.

1.1 Parts description for the Infant Snooze (Model IBG iSnooze 5M)



1	POWER button	Turn the Infant Snooze ON or OFF
2	LED indicator	Infant Snooze operation status indication
3	Microphone	Pick up audio sound from the Infant Snooze
4	Speaker	Output lullaby music stream from smart phone (Output parents / caregivers voice only when Parent Unit is used)
5	Battery compartment of mat	Uses 4 x AA dry cell batteries for the Infant Snooze (Batteries not included)
6	Infant Snooze	For monitoring baby

1.2 Parts description for the Parent Unit (Model IBG iSnooze 5C)



7		Turn the parent unit ON or OFF Reset alarm (Press and hold the button)
8	ALARM ENABLE button	Turn alarm enable function ON or OFF Reset alarm (Press and hold the button)
9	SENSITIVITY button	To set Infant Snooze sensitivity level Reset alarm (Press and hold the button)
10	TALK button	Press to talk to your baby remotely
11	Speaker	Listen to sound from your baby
12	Microphone	To talk to your baby when press & hold on the TALK button



13	Volume	To adjust volume for the Parent Unit
14	Alarm select switch	To select the alarm type
15	Battery Compartment	Uses 2 x AAA dry cell batteries (Batteries not included)
16	Lanyard hole	To insert a lanyard (Lanyard not included with the product)

1.3 Setting up the Infant Snooze with the Smartphone Apps

Insertion of battery to the **Infant Snooze**

Flip the Infant Snooze over to the bottom side.
Insert the 4 AA batteries inside the battery compartment. Cover back the battery cover as shown by the arrow.



Power on the **Infant Snooze**

Place the Infant Snooze on the cot, mattress or any flat surface.

Put your baby on the Infant Snooze.

Press the power button at the tip of Infant Snooze frame as shown. The LED indicator on the top of the Infant Snooze will light up.



HINT:

Check the mat LED indicator. It will light up alternating between green and red colour during initial pairing mode, will show green colour once connection is established with the smartphone Apps.



Power on the Smartphone Apps

For first time use,

- Download the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** from the Google Play store.
- Install the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps**.
- Go to Settings -> Wireless & networks -> Bluetooth settings ->
- Tap on "Scan for devices"
- Tap on the Bluetooth device name for the **iBabyGuard™ Infant Snooze Active Baby Monitor** to pair with the Infant Snooze (while Infant Snooze is still in pairing mode such that LED is blinking red & green)
Bluetooth device name for the Infant Snooze: iSnoozeXX



Tap on the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** icon.

The Apps will establish communication with the Infant Snooze automatically.

Once connected, the current baby status will be displayed on the Home screen as shown.

WARNING:

The Infant Snooze will establish communication with only 1 device at one time.
Please ensure the Smartphone Apps is turned off when the Parent Unit is in use and vice versa.

HINT:

Check that **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** is always running in the background on your Android Devices, when using another App in the foreground. The Android OS may close the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** and other Apps running in the background when there are many Apps running and takes up too much memory space of the Android Device.

For Android OS version 4.0 and above: To prevent the Android Devices from closing **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** when the Apps is shifted to the background on your Android Device, do the following steps.
(Note : The **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** may be closed by the Android OS as well when the above case of many Apps running in the background occur.)

- Go to Settings -> Developer options -> Apps
- Ensure "Don't keep activities" is unchecked
- Under "Background process limit", ensure "No background processes" is unchecked

1.4 Settings on the Smartphone Apps

There are numerous settings available on the “Setting” tab of the Smartphone App for setting alarms on the Smartphone, volume and sensitivity control on the Infant Snooze, feeding reminders, as well as enabling a factory reset. Below is a summary table for the settings and its setting operations are detailed below.

Setting	Function
Alarm settings - Alarm type - Alarm volume - Alert enable	Select alarm type, volume and enable alarm mode for the baby sound/wake up movement and baby absence states
Mat control - Infant Snooze volume - Infant Snooze sensitivity	Set Infant Snooze volume and sensitivity
Feeding schedule - Feeding reminder - Reminder tone - Reminder interval	Schedule reminders for feeding baby
General settings - Temperature unit - Factory reset - Version	Set the unit for ambient temperature display, Reset settings to factory default and check apps version

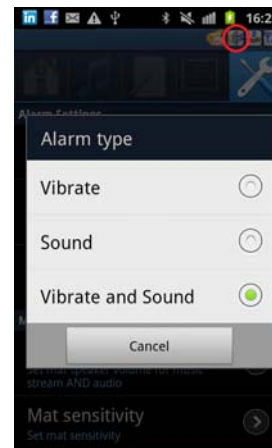
Alarm type

There are 3 alarm types to select on the smartphone for the baby states which require attention.

- Vibrate
- Sound
- Vibrate and Sound (both activated)

Tap the preferred alarm type to activate it.

The corresponding vibrate and/or sound alarm icons are indicated on the top of the LCD screen as shown (highlighted in red).



HINT:

Consider switching to vibration mode when parent/caregiver needs a rest from looking after the baby.

WARNING:

Setting for alarm type does not apply to mandatory alarm for no breath movement condition. Refer to section 4.2 for details.

Alarm volume

There is a 10-step interval scroll bar for adjusting the alarm volume for the smartphone.

- Tap on “Alarm volume”
- Adjust the volume on the scroll bar
- Tap “OK” to set the alarm volume.



WARNING:

Set to low volume and adjust up slowly to protect your ears.

Setting for alarm volume does not apply to mandatory alarm for no breath movement condition. Refer to section 4.2 for details.

Alert enable

The alert enable function is a single control function which activates BOTH the baby wake up and absence detection.

To enable the alert function,

- Tap the checkbox for “Alert enable” as shown.

To disable the alert function,

- Tap the checkbox once till the check mark symbol disappears.
- It is disabled by default.

When enabled, the alert enable icon is indicated on the top of the LCD screen as shown (highlighted in red).

Note: Please refer to [section 4.3](#) and [4.4](#) for more details on the Wake up and Absence alert notification functions respectively.



WARNING:

Alert will be disabled during music / lullaby stream to prevent false alert due to sound.

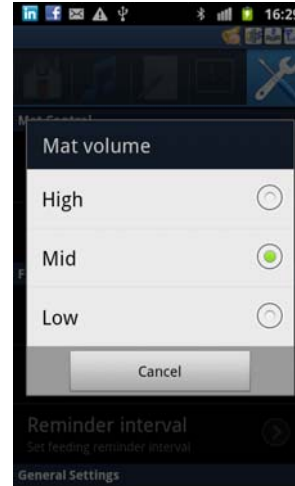
It is advisable NOT to disable alarm when your baby is unwell or need extra attention.

Infant Snooze volume

There are 3 volume levels to select for the music stream and transmitting audio sound from the Infant Snooze

- High
- Mid
- Low

Tap the preferred volume level to activate it.



WARNING:

Volume is fixed for the mandatory No breath movement alarm and cannot be adjusted. Refer to section 4.2 for details.

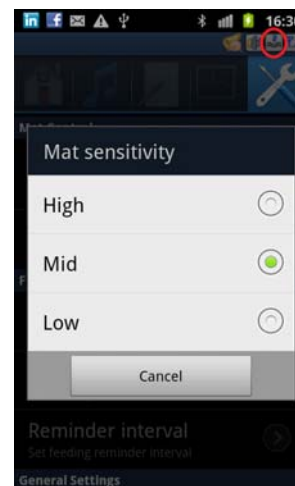
Infant Snooze sensitivity

There are 3 sensitivity levels.

- High (3, Default)
- Mid (2)
- Low (1)

Tap the preferred sensitivity level to adjust it.

The numerical representation for the sensitivity level is indicated on the top of the LCD screen as shown (highlighted in red).



HINT:

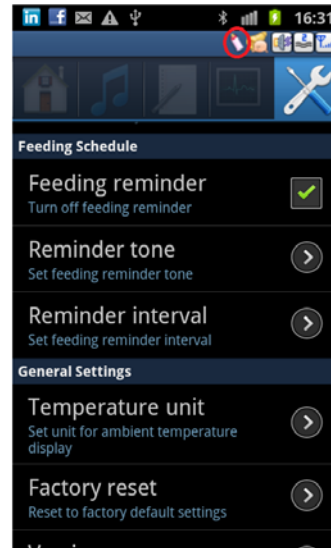
When baby is moving extensively and the display does NOT show strong movement, set higher sensitivity. Set lower sensitivity when baby is sleeping soundly and the display shows strong movement.

Feeding schedule

To schedule feeding reminder,

- Tap the checkbox for “Feeding reminder” as shown.
- Select reminder tone
- Select time interval

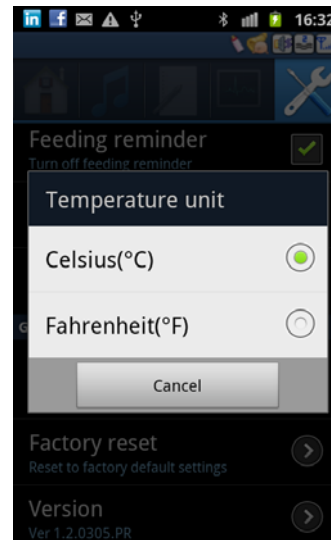
The feeding reminder activation icon is indicated on the top of the LCD screen as shown (highlighted in red).



Temperature unit

There are 2 units for selection to display for the ambient temperature, namely Celsius (°C) or Fahrenheit (°F).

Tap the commonly used unit for your location.





Factory Reset

Current settings can be reset to factory default settings by tapping on "Factory Reset".

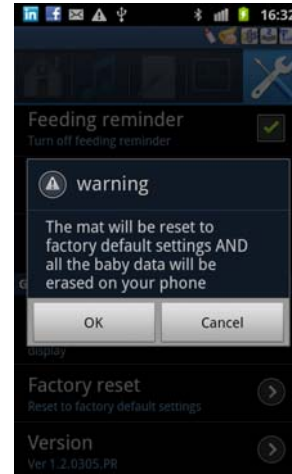
Below are the factory default settings

Smart phone:

Alarm type: vibrate and sound
 Alarm volume: 8
 Wake up alert: disable
 Feeding reminder: Off

Mat:

Mat volume: Mid
 Mat sensitivity: High
 Wake up alert: disable
 Activity log: All logged data on the Infant Snooze will be erased

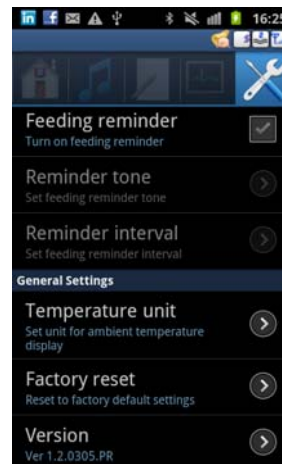


WARNING:

Existing recorded baby data stored on the smartphone will be erased during factory reset.

Version

The current version of the Apps is indicated in the Settings tab under "General Settings".



2. KEY FEATURES OF SMARTPHONE APPS

2.1 Baby activity monitor

The various iconic representations of the baby activity status are displayed according to the current baby activity status.

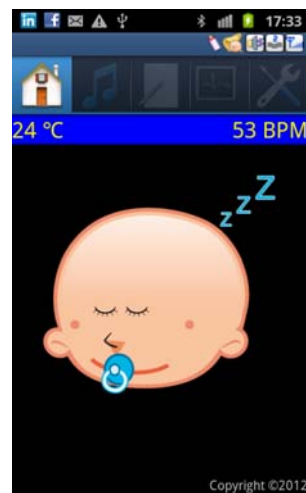
To view the current baby activity status, tap on the Home tab as shown.

Please refer to the next [section 4](#) for details.



2.2 Ambient temperature display

The ambient temperature of the room where your baby is sleeping is displayed on the top left-hand corner as shown.



WARNING: Temperature displayed is ambient room temperature and NOT the temperature of your baby.
--



2.3 Streaming of music / lullaby

Music / Lullaby stored on the smartphone can be streamed to your baby on the Infant Snooze

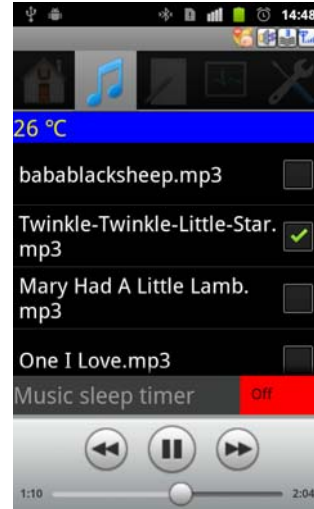
Tap on the Music tab.

To stream a soothing lullaby to calm your baby,

- Tap the preferred lullaby or playlist on the check box from the list & it will play repeatedly

To set music sleep timer,

- Tap on the “Off” red icon
- Select playing period before turning the lullaby stream off



HINT:

Charge your phone while streaming music to maintain power.

If unable to stream music to mat after a few tries, do the following

Go to Settings -> Wireless & networks -> Bluetooth settings ->

Tap on “Scan for devices”

Tap on the Bluetooth device name for the iBabyGuard™ Infant Snooze Active Baby Monitor to pair with the Infant Snooze

WARNING:

Music stream function is enabled only when the Infant Snooze is powered on.

2.4 Baby sleep log

Past 7 days' daily session of your baby sleep cycles are logged.

Tap on the Sleep log tab.

To select the date for viewing,

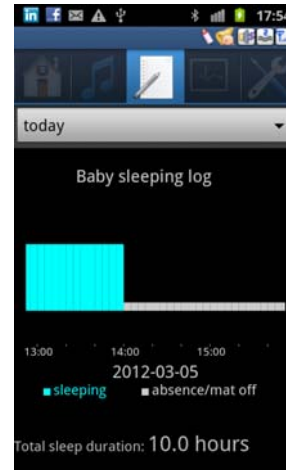
- Tap on the drop down menu (shown by the arrow next to "today")

To view the sleep session for the selected date,

- Scroll your fingers left or right on the graph

The sleep sessions are displayed graphically by rectangular blue bars

The total sleep duration for the selected day is computed.



WARNING:

Baby sleep log function is enabled only when the Infant Snooze is powered on.

2.5 Breath Scope

The baby activity status pattern can be viewed graphically.

Tap on the Breath Scope tab as shown.

The graphical pattern and iconic representation of the current baby activity will be displayed.



WARNING:

Breath Scope function is enabled only when the Infant Snooze is powered on.

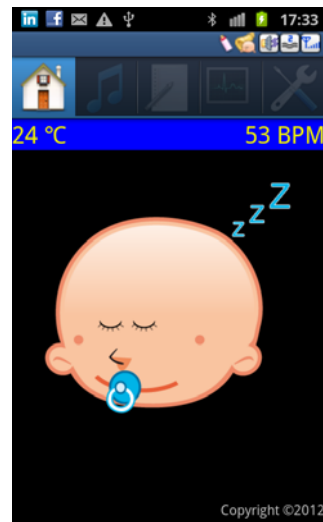
Graphical pattern are based on current baby activity status and cannot be recorded.

3. BABY ACTIVITY STATUS INDICATION ON SMARTPHONE

3.1 Sleeping

The display will be as shown when your baby is sound asleep.

The baby breath movement count per minute (BPM) is indicated on the top right-hand corner.



3.2 Baby movement

The display will be as shown when your baby is moving.





3.3 Baby absence

The display will be as shown when your baby is not on the Infant Snooze



4. ALARM CONDITIONS FOR THE SMARTPHONE APPS

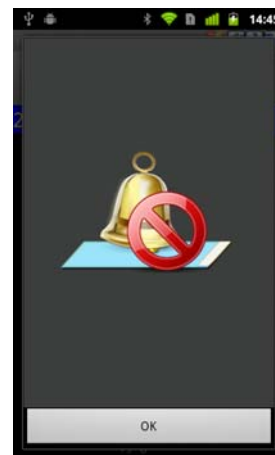
The baby activity states which may require attention of parents/caregivers are coupled with alarms. Alarms for some states can be disabled by parents/caregivers. The mandatory alarm is not user-selectable.

4.1 Clearing of alarms

The display will be as shown in any alarm condition.

To clear the alarm,

- Tap 'OK'
- The current baby activity state triggering the alarm will be displayed



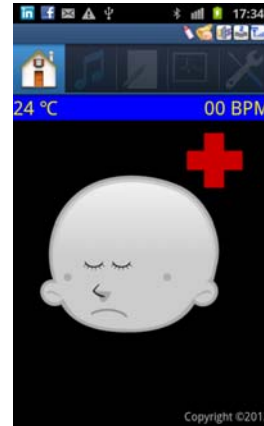
4.2 No breath movement

No breath movement alarm is a **mandatory alarm** to inform parents/caregivers when no breath movement is detected from the baby.

Alarm will be activated after 15 seconds of no breath movement detected.

The display will be as shown after alarm is cleared.

Audio alarm will also be activated on the Infant Snooze with the red LED blinking.



WARNING:

During no breath movement alarm activation,

- Smartphone alarm volume is fixed at maximum
- Infant Snooze volume is fixed at maximum
- Alarm type is fixed at both sound and vibration
- Music stream is paused

4.3 Wake up alert

The wake up alert is meant to inform parents/caregivers when the baby has woken up and is crying or agitated. It will be activated only after the baby is asleep for more than 5 minutes.

The alarm will be activated when both baby's constant movement period of 20 seconds and sound are detected.

The display will be as shown after alarm is cleared.



WARNING:

The wake up alert can be enabled or disabled in the Settings tab. Alert will be disabled during music / lullaby stream to prevent false alert due to sound.

HINT:

Only place the baby on the Infant Snooze when baby is asleep

4.4 Baby absence alert

The baby absence alert is meant to inform parents / caregivers when the baby has rolled off or carried out of Infant Snooze or is not on the Infant Snooze

The alert will be activated and the display will be as shown after alarm is cleared.



WARNING:

The absence alert can be enabled or disabled in the Settings tab. Alert is disabled during music / lullaby stream.

WARNING:

There may be exceptional unknown situations eg. 1) where babies toss or rotate such that only part of their body lies on the Infant Snooze, 2) parent's hands or elbows may press / hit on the Infant Snooze or on the cot/mattress where the Infant Snooze is placed when carrying up the baby
 - rendering the current state of the baby to be non-deterministic.

As a precaution for the unknown states, the display will be indicated as shown, to alert parents/caregivers to check on the baby. Please attend to your baby.



5. OTHER STATUS INDICATIONS ON THE SMARTPHONE APPS

5.1 Out of range / Link loss

The range between the **Smartphone** and Infant Snooze is up to 30m line of sight. Indoor limits may be reduced, subject to the layout of the building concrete structure and functional performance of the smartphone used.

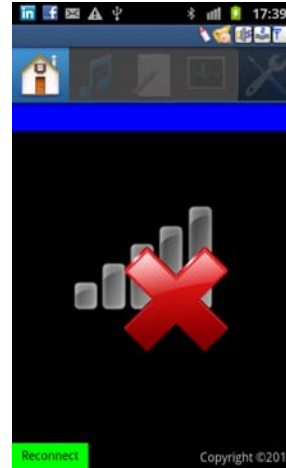
When communication between the **Smartphone** and Infant Snooze is lost, link loss alarm will be activated and display is as shown.

To maintain connection,

- Walk closer towards the Infant Snooze with the **Smartphone**
- Tap the 'Reconnect' button on the **Smartphone**

The connection period is 5 minutes window. If the link is still not established after 5 minutes,

- Press the power button once on the Infant Snooze.
- Tap the 'Reconnect' button on the **Smartphone**



WARNING:

Link loss alarm will be also activated on the **Smartphone** when the Infant Snooze is switched off.

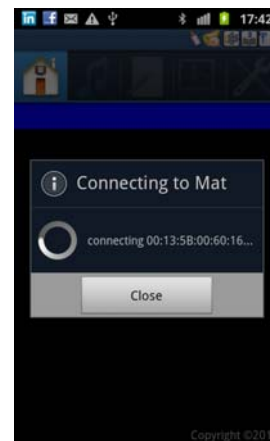
5.2 Manual pairing of Infant Snooze and Smartphone

To manually pair the Infant Snooze with another Smartphone, do the following.

- turn off the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** on the current phone
- turn off & on the Infant Snooze again. The LED will be blinking red & green to indicate pairing mode
- turn on the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** on the new phone

If the pairing is not successful, try the following on your smartphone.

- Go to Settings -> Wireless & networks -> Bluetooth settings ->





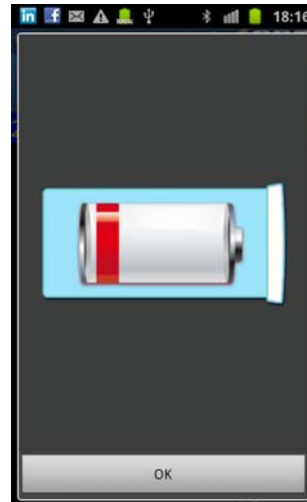
- Tap on “Scan for devices”
- Tap on the Bluetooth device name for the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** to pair with the Infant Snooze

5.3 Low battery alert for Infant Snooze

When the battery of the Infant Snooze is low, low battery alert for the Infant Snooze will be indicated as shown.

Tap “OK” to clear alert and return to baby activity monitor state.

Alert tone will be triggered at every minute interval till Infant Snooze battery is replaced.



WARNING:

After clearing the alert, low battery indication will also be reflected in the status bar till battery for the Infant Snooze is replaced.

In the case of no connection between Infant Snooze and the smartphone during Infant Snooze low battery state, the Infant Snooze will alarm and the red LED will blink.

TIPS:

To conserve battery power, switch off the Infant Snooze after use every day.

5.4 Error 1: Fiber sensor is broken

When the fiber sensor is broken, the display will be as shown and alarm will be activated.

- Please contact your service center.



5.5 Error 8: Weight limit indication for the Infant Snooze

The display will be as shown to indicate high pressure, such as heavy weight on the Infant Snooze or the baby sitting up. Alarm will be activated.

- Please do not use the Infant Snooze with weight exceeding limit



WARNING:

If the weight limit error icon remains when the baby is in sleeping position, the baby weight had exceeded the defined weight limit of the Infant Snooze.

5.6 Error 9: Device malfunction

The product may have malfunction. The display will be as shown with an error number and alarm will be activated.

- Please contact your service center.



6. EXCEPTIONS MANAGEMENT FOR SMARTPHONE

Below is an outline of the various possible user scenarios during the exceptions on the smartphone such as calling out, receiving call, in power-save mode or using another application, when using the **iBabyGuard™ Infant Snooze Active Baby Monitor Apps**. The user scenarios may vary for different phone models based on their exceptions management methodology.

Calling / Receiving call

Alarm condition can trigger the alarm during a call.
 Scheduled feeding reminder will also trigger the alarm in similar situation.

Smartphone in power save / screen save mode

Alarm condition will trigger the audible alarm and the smartphone LCD screen will light up. Enable the smartphone and the alarm condition will be displayed.

Note: Some phone models may not light up the LCD screen when alarm is triggered.

Using another Apps

iBabyGuard™ Infant Snooze Active Baby Monitor Apps needs to be running and should NOT be exited.
 Alarm condition will trigger the audible alarm and **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** will be pop up on the display foreground.

iBabyGuard™ Infant Snooze Active Baby Monitor Apps is off

The feeding reminder will trigger the reminder alarm when schedule is up.
 Any other baby alarm will NOT be activated when **iBabyGuard™ Infant Snooze Active Baby Monitor Apps** is off

7. SETTING UP THE INFANT SNOOZE WITH PARENT UNIT

7.1 Powering up the Parent Unit

Insertion of battery to the **Parent Unit**

Open the battery compartment by sliding the cover upwards as shown by the arrow label.
Insert the 2 AAA batteries.



Insertion of battery to the **Infant Snooze**

Flip the Infant Snooze over to the bottom side.
Insert the 4 AA batteries inside the battery compartment. Cover back the battery cover as shown by the arrow.



Power on the **Infant Snooze**

Place the Infant Snooze on the cot, mattress or any flat surface.

Put your baby on the Infant Snooze.

Press the power button at the tip of Infant Snooze frame as shown. The LED indicator on the top of the Infant Snooze will light up.



Power on **Parent Unit**

Press and hold the power  button till the LCD display is lighted up.

The **Parent Unit** will establish connection with the Infant Snooze automatically. Once connection is established, the current baby status will be displayed.

The display will indicate baby sleeping after the baby had settled down to sleep. Please refer to **section 9** for details.

When an auto-calibration process is in progress, the display will indicate an hour glass rotating in a circular motion.



WARNING:

The Infant Snooze will establish communication with only 1 device at one time. Please ensure the Smart Phone Apps is turned off when the Parent Unit is in use and vice versa.

7.2 Setting up the **Parent Unit**

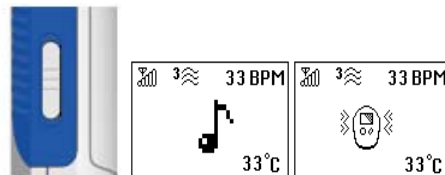
Alarm type

There are 2 alarm types to select for activation of alarm for the designated baby states which require attention.

Select the switch on the right hand side of the **Parent Unit** in accordance to your preferred alarm type.

- Sound (top position)
- Vibrate (bottom position)

The corresponding vibrate or sound alarm icons for the selected alarm type will pop up on the LCD display accordingly when pushing the switch.



HINT:

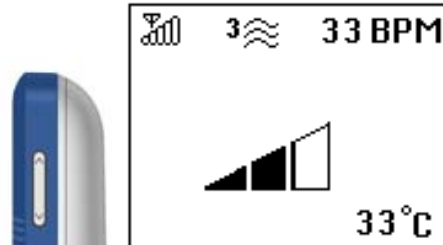
Consider switching to vibration mode when parents / caregivers do not want to disturb others around them with the sound alarm.

Volume

There is a 3-step interval bar for adjusting the speaker volume on the **Parent Unit**.

On the top right hand side of the **Parent Unit**, press on the up arrow button to increase volume or down arrow to decrease volume.

To test the volume, power off the Infant Snooze to trigger 'Link loss' alarm. Adjust volume then power on the Infant Snooze again to regain connection.



The volume indication bars will pop up on the LCD display when adjusting the volume.

Alert enable

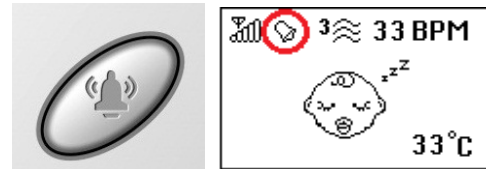
The alert enable function is a single toggle control function which activates BOTH the baby wake up and absence detection (refer to [section 10.3](#) and [10.4](#) for more details) at any one time. The alert is disabled by default.

To enable baby wake up and absence detection alerts,

- Press the alert enable button once

Pressing it again will disable the alert again.

An alert icon will be indicated on the top of the LCD as shown (highlighted in red) when alarm is enabled.



WARNING:

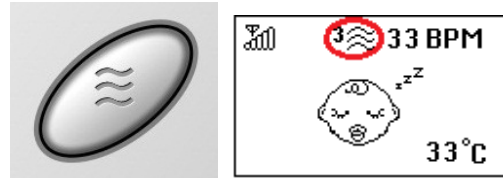
It is advisable NOT to disable alarm when your baby is unwell or need extra attention.

Infant Snooze sensitivity

There are 3 sensitivity levels to select.

Press the sensitivity set button to toggle to the preferred sensitivity level. The sensitivity level selected is indicated on the top of the status screen as shown (highlighted in red).

- 3 (High, Default)
- 2 (Mid)
- 1 (Low)



As your baby grows, there may be a need to tune the sensitivity to maintain high accuracy sensing.

HINT:

When baby is moving extensively and the display does NOT show strong movement, set higher sensitivity. Set lower sensitivity when baby is sleeping soundly and the display shows strong movement.

8. KEY FEATURES OF PARENT UNIT

8.1 Audio Monitor

Sound activity from your baby can be transmitted to the **Parent Unit**

You can hear your baby activity sound via the speaker outlet as shown.

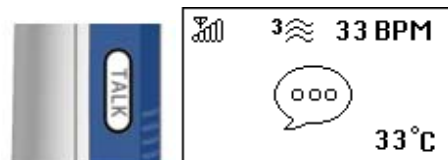


8.2 Speaking to your baby

Parents / caregivers can communicate to your baby at any time via the **Parent Unit**.

To talk to your baby,

- Press & hold the TALK button while speaking via the microphone on the bottom front of the **Parent Unit**.
- The talk icon will pop up as shown when TALK button is pressed.
- Release TALK button when not speaking.



WARNING:

Sound activity from your baby is not transmitted when the TALK button is pressed.

9. BABY ACTIVITY STATUS INDICATION ON PARENT UNIT

9.1 Sleeping

The display will be as shown when your baby is sound asleep.

The baby breath movement count per minute (BPM) is indicated on the top right-hand corner.



9.2 Baby movement

The display will be as shown when your baby is moving.



9.3 Baby absence

The display will be as shown when your baby is not on the Infant Snooze



10. ALARM CONDITIONS FOR THE PARENT UNIT

The baby activity states which may require attention of parents / caregivers are coupled with alarms. Alarms for some states can be disabled by parents / caregivers. The mandatory alarm is not user-selectable.

10.1 Clearing of alarms

Alarm can be cleared by pressing any of the 3 buttons on the front side of the Parent Unit .



WARNING:

The default function for each of the 3 button is disabled during alarm condition and used only to clear alarm.

10.2 No breath movement

No breath movement alarm is a **mandatory alarm** meant to inform parents / caregivers when no breath movement is detected from the baby.

Alarm will be activated after 15 seconds of no breath movement detected.

The activity status for your baby will be indicated as shown.

Audio alarm will also be activated on the mat with the red LED blinking.



WARNING:

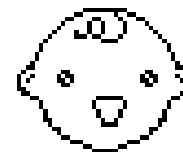
During no breath movement alarm activation, **Parent Unit** alarm volume is fixed at maximum, Infant Snooze volume is fixed at maximum & Alarm type is fixed at both sound and vibration

10.3 Wake up alert

The wake up alert is meant to inform parents / caregivers when the baby has woken up and is crying or agitated. It will be activated only after the baby is asleep for more than 5 minutes.

The alarm will be activated when both baby's contact movement period of 20 seconds and sound are detected.

The display will be as shown.



HINT:

Only place the baby on the Infant Snooze during baby nap/sleep time.
This alert can be enabled or disabled with the alert enable button

10.4 Baby absence alert

The baby absence alert is meant to inform parents / caregivers when the baby has rolled off or carried out of Infant Snooze or is not on the Infant Snooze

The alert will be activated and the display will be as shown.



HINT:

This alert can be enabled or disabled with the alert enable button

WARNING:

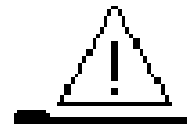
There may be exceptional unknown situations eg.

1) where babies toss or rotate such that only part of their body lies on the Infant Snooze,

2) parent's hands or elbows may press / hit on the Infant Snooze or on the cot/mattress where the Infant Snooze is placed when carrying up the baby

- rendering the current state of the baby to be non-deterministic.

As a precaution for the unknown states, the display will be indicated as shown, to alert parents/caregivers to check on the baby. Please attend to your baby.



11. OTHER STATUS INDICATIONS ON THE PARENT UNIT

11.1 Out of range / Link loss

The range between the **Parent Unit** and Infant Snooze is up to 30m line of sight. Indoor limits may be reduced, subject to the layout of the building concrete structure.

When communication between the **Parent Unit** and Infant Snooze is lost, link loss icon as shown will blink on the display and alarm will be activated.

To maintain connection,

- Walk closer towards the Infant Snooze with the **Parent Unit**

The connection period is a 5 minutes window, after which the **Parent Unit** will power off.





If the link is still not established after 5 minutes,

- Press the power button once on the Infant Snooze.
- Power on the **Parent Unit**

WARNING:

Alarm will be also activated on the **Parent Unit** when the Infant Snooze is switched off.

11.2 Manual pairing of Infant Snooze and **Parent Unit**

To manually pair the Infant Snooze with another new **Parent Unit** outside the 5 minute connection window,

- Power off the original **Parent Unit**
- Turn off & on the Infant Snooze again.
- Power on and hold the POWER button for 5 seconds on the new **Parent Unit**.

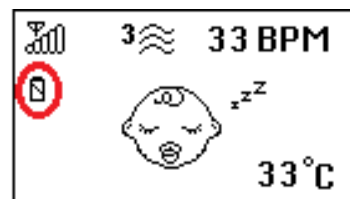


The display will be indicated as shown when pairing is successful.

11.3 Low battery indication for **Parent Unit**

The low battery indication for the **Parent Unit** will be displayed as shown (highlighted in red) and blink simultaneously when the battery for the **Parent Unit** is low.

Replace battery for the **Parent Unit**.



11.4 Low battery indication for Infant Snooze

The low battery indication for the Infant Snooze will be displayed as shown (highlighted in red) and blink simultaneously when the battery for the Infant Snooze is low.

In the case of no connection of the Infant Snooze with the smart phone, the Infant Snooze red LED will blink.

Replace battery for the mat.



TIPS:

To conserve battery power, switch off the Infant Snooze after use every day.

11.5 Error 1: Fiber sensor is broken

The display will be as shown blinking when the fiber sensor is broken.

Please contact your service center.



11.6 Error 8: Weight limit indication for the Infant Snooze

The display will be as shown blinking to indicate high pressure, such as heavy weight on the Infant Snooze or the baby sitting up. The alarm will also be activated.

Note: If the indication remains when the baby is in sleeping position, the baby weight had exceeded the defined weight limit of the Infant Snooze.



11.7 Error 9: Device malfunction

The product may have malfunctioned. The display will be blinking as shown with an error number.

Please contact your service center.



12. TROUBLESHOOTING AND FAQ

Problem	Possible cause	Remedy
False alarm	- The baby may have excessive movement when the parent /caregiver is playing next to the baby or attending to the baby's need (changing diapers, feeding, patting) - External event such as patting action, high vibration or motor-running activities near the Infant Snooze	Switch off the SmartPhone Apps or Parent Unit when the parent/ caregiver is attending to the baby. Switch it on again to continue monitoring when baby is asleep.
No alarm tone	Battery may be low	Check battery level and replace batteries if needed.
No movement detected	The sensitivity level may be low.	Adjust up the sensitivity level with the SELECT button
Baby movement status indicated on the Smartphone Apps or Parent Unit when baby is sound asleep	Baby may have strong movement patterns	Adjust down the sensitivity level with the SENSITIVITY button
Out of range indication	- The Infant Snooze and Smartphone/Parent Unit are too far apart. - The Infant Snooze or Smartphone/Parent Unit may be placed near large metal objects. - The link between the Infant Snooze or Smartphone/Parent Unit may be lost - Battery is not inserted on the Infant Snooze.	- Try to adjust the relative distance nearer between the Infant Snooze and Smartphone/Parent Unit. - Ensure battery is inserted on the Infant Snooze side. - Power off and on again for both the Infant Snooze and Smartphone/Parent Unit to try establishing the link. - Enable manual pairing (refer to Section 6: Other status indication) - Ensure battery is inserted on the Infant Snooze.



Error codes (indicated on Smart Phone/ Parent Unit)	Possible cause	Remedy
E1	The fiber sensor is broken	Infant Snooze is no longer functioning. Please contact your service center.
E8	High pressure, such as heavy weight on the Infant Snooze or the baby sitting up.	If the indication remains when the baby is in sleeping position, the baby weight had exceeded the defined weight limit of the Infant Snooze.
E9	Device Malfunction	Please contact your service center

13. MAINTENANCE

DO NOT subject the Infant Snooze to sharp folds as it may damage the sensing element and affect the functionality and sensitivity of the Infant Snooze.

DO NOT wash or immerse the whole Infant Snooze in water. Clean the Infant Snooze with a soft damp cloth and allow to dry. Avoid using any chemical or cleaning detergent.

Keep your Infant Snooze away from sources of moisture. It may cause the electronic control circuit to malfunction.

DO NOT drop the **Parent Unit** on the floor as it may damage internal components and cause malfunction.

Keep the **Parent Unit** away from moisture.

Remove batteries from the **Parent Unit** and Infant Snooze when not in use for a long period of time.

The operating temperature range for the **iBabyGuard™ Infant Snooze Active Baby Monitor** is from 10°C - 40°C. **DO NOT** operate beyond this range as it may not function according to defined specifications.

14. TECHNICAL SUPPORT

Before you contact the Technical support, please read the Troubleshooting and FAQ section.

If you have questions about the use or features of the product please contact your local distributor/retailer.

Please include as much information possible from the packaging material. This will help us in speeding the process.



15. LIMITED WARRANTY

Your **iBabyGuard™ Infant Snooze Active Baby Monitor** is covered warranty for malfunction in the electronic parts only, for a period of 12 months from the date of the original purchase, when used in accordance with the usage condition provided with the unit. Malfunction due to misuse, not in accordance with the usage condition, will not be covered in the warranty.

We will, at our discretion, repair or replace the product should it fails to function properly when used as directed within the warranty period.

This warranty does not cover the battery, damaged as a result of accidents, improper maintenance or any other form of misuse. The warranty is also void if the owner attempts to fold the Infant Snooze when instructed not to as stated in the user manual, repairs or modifies the product in any way. We are not liable for any incidental or consequential damages with regard to this product. The warranty also excludes any liability other than what is stated above.

This device complies with the essential requirements of the EMC Directive 2004/108/EC, R&TTE Directive 1999/5/EC and LVD Directive 2006/95/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the EMC Directive 2004/108/EC, R&TTE Directive 1999/5/EC and LVD Directive 2006/95/EC:

- EN 60950
- EN50371
- EN 301489-1
- EN 301 489-17
- EN 300328

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For any technical assistance contact the technical support center online : support@ibabyguard.com.